

Title (en)  
PROCESS FOR PRODUCING A METALLIC PATTERN ON AN INSULATING SUBSTRATE, AND INSULATING SUBSTRATE WITH A METALLIC PATTERN, PARTICULARLY A PRINTED CIRCUIT

Publication  
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Application  
**EP 85105572 A 19850507**

Priority  
DE 3417563 A 19840511

Abstract (en)  
[origin: US4666739A] A process is described for the production of metal patterns on insulating substrates, especially of printed circuits, in which the substrates are provided with holes by means of electrical connections and the metal patterns are produced on the surface of the substrate with the aid of a negative mask in accordance with the subtractive process, said process being characterized by the following steps: treatment in gaseous sulfur trioxide; application of a negative mask which corresponds to the conductive pattern to be produced; through-hole-plating and subsequent plating of the conductive pattern, which is effected by the following steps in the process: activation by means of an ionogenic precious metal solution, treatment in a reducing agent solution, chemical or chemical and electrolytic deposit, in which the metal deposit takes place solely on the surface of the metal pattern which is to be produced. In addition, insulating substrates with metal patterns, especially printed circuits, are disclosed.

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IPC 8 full level  
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**H05K 2203/087** (2013.01 - EP US)

Citation (search report)  
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